

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 03165773
PUBLICATION DATE : 17-07-91

APPLICATION DATE : 27-11-89
APPLICATION NUMBER : 01306829

APPLICANT : TDK CORP;

INVENTOR : NONAMI TOORU;

INT.CL. : A61L 27/00 C01B 25/32 C04B 28/34

TITLE : COMPOSITION FOR LIVING BODY AND MATERIAL FOR LIVING BODY

ABSTRACT : PURPOSE: To obtain a composition for living body which is easily handled similarly to the cement for dental use and possesses high living body activity and living body affinity and the material for living body containing the above- described composition for living body by allowing the composition for living body to contain the water-hardened calcium silicate group compounds.

CONSTITUTION: A composition for living body contains the water-hardened calcium silicate group compounds. The water-hardened calcium silicate group compound is a kind of portland cement, and ordinarily consists of $3\text{CaO} \cdot \text{SiO}_2$ and $2\text{CaO} \cdot \text{SiO}_2$ as main constituents, and reacts with water to produce the hydrate which is hardly soluble. The calcium silicate group compound preferably contains CaO in 45-85wt.% and SiO_2 in 15-55wt.%. The water-hardened calcium silicate group compound may contain at least one kind selected from MgO, BaO, SrO, Al_2O_3 , Fe_2O_3 , Na_2O , K_2O , Li_2O , TiO_2 , ZrO_2 , S_2O_3 , B_2O_3 , and CaF_2 in 10wt.% or less.

COPYRIGHT: (C)1991,JPO&Japio